

present, insofar as the persons under his control are concerned, to maintain a safe condition on the vessel by full observance of all qualifications and requirements listed by the marine chemist in the certificate.

[CGD 84-024, 52 FR 39652, Oct. 23, 1987, as amended by GCD 95-072, 60 FR 50463, Sept. 29, 1995]

### Subpart 71.65—Plan Approval

#### § 71.65-1 General.

(a) The list of required plans is general in character, but includes all plans in § 71.65-5 which normally show construction and safety features coming under the cognizance of the Coast Guard. In the case of a particular vessel, all of the plans enumerated may not be applicable, and it is intended that only those plans and specifications be submitted as will clearly show the vessel's arrangement, construction and required equipment.

(b) In the list of required plans in § 71.65-5 the items which must be approved by the American Bureau of Shipping for vessels classed by that organization are indicated by an asterisk. When prints bearing record of such approval by the American Bureau of Shipping are forwarded to the Coast Guard they will in general be accepted as satisfactory except insofar as the law or the Coast Guard regulations contain requirements which are not covered by the American Bureau of Shipping.

(c) Plans and specifications for cargo gear shall be approved by either a recognized classification society or a recognized cargo gear organization as defined in § 71.25-25.

[CGFR 65-50, 30 FR 16895, Dec. 30, 1965, as amended by CGD 95-028, 62 FR 51204, Sept. 30, 1997]

#### § 71.65-5 Plans and specifications required for new construction.

(a) *General.* (1) Specifications.

(2) General Arrangement Plan of decks, holds, inner bottoms, etc., and including inboard and outboard profile.

(b) *Hull structure.*<sup>1</sup>

<sup>1</sup>The Asterisk (\*) indicates items that are approved by the American Bureau of Shipping for vessels classed by it. Items approved

(1) \*Inner Bottom Plating and Framing.

(2) \*Midship Section.

(3) \*Shell Plating and Framing.

(4) \*Stem, Stern Frame, and Rudder.

(5) \*Structural Deck Plans for Strength Decks.

(6) \*Pillars and Girders.

(7) \*Watertight and Oiltight Bulkheads.

(8) \*Foundations for Main Machinery and Boilers.

(9) \*Arrangement of Ports, Doors, and Airports in Shell Plating.

(10) \*Hatch Coamings and Covers in Weather and Watertight Decks.

(11) \*Details of Hinged Subdivision Watertight Doors and Operating Gear.

(12) \*Scuppers and Drains Penetrating Shell Plating.

(13) \*Arrangement of the cargo gear including a stress diagram. The principal details of the gear and the safe working load for each component part shall be shown.

(c) *Subdivision and stability.* Plans and calculations required by subchapter S of this chapter.

(d) *Fire control.* (1) Fire control diagram showing location and type of all required fire-screen insulation, including main fire zone and subdivisions, stairway and elevator enclosures, control space enclosures, etc., and type of all doors in such subdivisions and enclosures.

(2) Comprehensive typical details of fire-screen insulation of both vertical and horizontal surfaces, including deck coverings where used, keyed by reference numbers to the "fire control diagram".

(3) Ventilation diagram including dampers and other fire control features.

(4) Alarm systems.

(5) Detecting systems.

(6) Extinguishing systems, including fire mains, carbon dioxide, foam, and sprinkling systems.

(7) Supervised Patrol Route.

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